

Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office		JUN 20 2005 U.S. PATENT & TRADEMARK OFFICE		Attorney Docket No.: 1201.68227		Serial No.: 10/774,676	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant: Goldberg et al.			
				Filing Date: February 9, 2004		Group: 2121	
U.S. PATENT DOCUMENTS							
Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date	
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>MBAF</i>	Goldberg, D. E., (1993a). "Making genetic algorithms fly: A lesson from the Wright brothers." <i>Advanced Technology for Developers</i> , 2, 1-8.						
<i>MBAF</i>	Ohsawa, Y., Benson, N. E., & Yachida, M., (1998) "KeyGraph: Automatic indexing by co-occurrence graph based on building construction metaphor." In <i>Proceedings of Advances in Digital Libraries</i> , pp. 12-18.						
<i>MBAF</i>	Takama, Y., & Hirota, K. (2000). "Discovery of topic distribution through WWW information retrieval process." <i>Proceedings of 2000 IEEE International Conference on Industrial Electronics, Control and Instrumentation</i> , 1644-1647						
<i>MBAF</i>	Bingham, E., Kaban, A., & Girolami, M., (2003). "Topic identification in dynamical text by complexity pursuit." <i>Neural Processing Letters</i> , 17(1), 69-83.						
<i>MBAF</i>	Graetz, K., Barlow, C., Proulx, N., & Pape, L. (1997). "Facilitating idea generation in computer-based teleconferences," <i>Proceedings of the International ACM SIGGROUP Conference on Supporting Group Work (GROUP '97)</i> , 317-324.						
<i>MBAF</i>	Santanem, E., Briggs, R., & de Vreede, G. J., (2000). "The Cognitive Network Model of Creativity: a New Casual Model for Creativity and a New Brainstorming Technique," <i>Proceedings of the 33rd Annual Hawaii International Conference on System Sciences</i> , 2004.						
<i>MBAF</i>	Santanem, E., Briggs, R., & de Vreede, G.-J., (2002). "Toward an Understanding of Creative Solution Generation," <i>Proceedings of the 35th Annual Hawaii International Conference on System Sciences</i> , 2899-2908.						
<i>MBAF</i>	Goldberg, D.E., Sastry K., and Ohsawa Y., "Discovering Deep Building Blocks for Competent Genetic Algorithms Using Chance Discovery via KeyGraphs," (2003) pp. 1-23.						
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<i>MBAF</i>	Takagi, H. (2001). "Interactive evolutionary computation: Fusion of the capabilities of EC optimization and human evaluation." <i>Proceedings of the IEEE</i> , 89(9), 1275-1296.						
<i>MBAF</i>	Welge, M. E., Auvil, L., Shirk, A., Bushell, C., Bajcsy, P., Cai, D., Redman, T., Clutter, D., Aydt, R., & Tcheng, D., (2003). <i>Data to Knowledge (D2K)</i> (Automated Learning Group Technical Report). Urbana, IL: National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign.						
Examiner	<i>MBAF</i>			Date Considered	<i>05/22/07</i>		
*Examiner:	Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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MBH	Harik, G., <i>Linkage learning via probabilistic modeling in the ECGA</i> . IlliGAL TR-99010, University of Illinois at Urbana-Champaign, Urbana, IL, 1999.
MBH	Lutz, R., <i>Recovering High-Level Structure of Software Systems Using a Minimum Description Length Principle</i> , R.F.E. Proceedings of the 13 th Irish International Conference, Artificial Intelligence and Cognitive Science (AICS 2002), September 2002.
MBH	Munemoto, M., & Goldberg, D.E., <i>Linkage Identification by Non-monotonicity Detection for Overlapping Functions</i> . IlliGAL Report No. 99005, Genetic and Evolutionary Computation Conference (GECCO-99), Vol. 1, 1999.
MBH	Pelikan, M., Goldberg, D.E., & Cantú-Paz, E., <i>BOA: The Bayesian optimization algorithm</i> . Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-99), Vol. 1, pp. 525-532. Also IlliGAL TR-99003, University of Illinois at Urbana-Champaign, 1999.
MBH	Rogers, J. L., <i>DeMAID/GA User's Guide-Design Manager's Aid for Intelligent Decomposition With a Genetic Algorithm</i> , NASA TM-110241, April 1996.
MBH	Salman, A., Mehrota, K., & Mohan, C., <i>Linkage Crossover for Genetic Algorithms</i> , Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-99), Vol. 1, pp. 564-571, 1999.
MBH	Smith, J. <i>On Appropriate Adaptation Levels for the Learning of Gene Linkage</i> . Journal of Genetic Programming and Evolvable Machines, Vol. 3, No. 2, pp. 129-155, 2002.
MBH	Goldberg, D.E., Deb, K., Kargupta, H., Harik, G.: <i>Rapid, accurate optimization of difficult problems using fast messy genetic algorithms</i> . Proceedings of the Fifth International Conference on Genetic Algorithms pp. 56-64 (1993).
MBH	Ohsawa, Y. (2002). Chance discoveries for making decisions in complex real world. <i>New Generation Computing</i> , 20 (2), 143-163.
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Examiner	<i>Meddell B. Adkins</i>	Date Considered	<i>05/22/07</i>
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